

**To:** Warren, Christy[warren.christy@epa.gov]  
**From:** McMillin, Rick  
**Sent:** Tue 8/11/2015 4:37:38 PM  
**Subject:** FW: Metals Analysis - Gold King Mine release

.....  
>>>>>  
Fyi.

**From:** McQuiddy, David  
**Sent:** Tuesday, August 11, 2015 10:39 AM  
**To:** Burkhardt, Mark  
**Cc:** McMillin, Rick; Humphrey, Marvelyn; McDonald, James; Crossland, Ronnie; RST Lab Directors  
**Subject:** RE: Metals Analysis - Gold King Mine release

Mark,

Similar to Ernie's response, we assume ICP-AES analysis will meet detection limit response requirements and you only need 'preliminary results' (including QC results) within the 48 hour window.

Region 6 believes we can sustain (would need to define nights/weekends/overtime) doing 1 batch of 20 total metals OR one batch of 20 dissolved metals/day with a 48 hour turnaround.

We can send you results in a 'SEDD' format that can be imported to SCRIBE. Our element LIMS also has an 'EPA Scribe' EDD which we can produce (but we haven't used it before).

\*\*\*The above response is contingent upon R6 tasking of our own sample analysis effort, at which time we would divert all resources to R6 efforts. Additionally, if R6 management directs us to move to Emergency Response mode, we would suspend our regular work to focus solely on Gold King Mine release sample analysis.\*\*\*

Wes McQuiddy  
Chief, Environmental Services Branch

U.S. EPA Region 6 (6MD-H)  
10625 Fallstone Road  
Houston, Texas 77099

214-665-6722

This email may contain material that is confidential, privileged and/or attorney work product and is for the sole use of the intended recipient. Any review, reliance, or distribution by others or forwarding without express permission is strictly prohibited. If you are not the intended recipient, please contact the sender and delete all copies.



**From:** Burkhardt, Mark  
**Sent:** Tuesday, August 11, 2015 8:02 AM  
**To:** RST Lab Directors  
**Subject:** Metals Analysis  
**Importance:** High

**Sorry everyone. A little crazy here. The metals samples have to be run using 200.7 and 200.8. No mercury. Detection limits and which technique are up to which gives you better results. Number of samples is 40 -60 per batch, dissolved and totals, and 48 hour turn-around –times with a SCRIBE edd. Total numbers unknown, duration unknown, need unknown. Just need a gage as to who might have capacity. Thanks, Mark**

Mark Burkhardt, Ph.D.

Region 8 Laboratory Director

16194 West 45th Drive

Golden, CO 80403

Phone 303-312-7799

Fax 303-312-7800

[burkhardt.mark@epa.gov](mailto:burkhardt.mark@epa.gov)

“We cannot solve our problems with the same thinking we used when we created them.”

Albert Einstein